

BAAQMD — Update and Preview

- **Rule 11-18 Implementation**
- **Upcoming Regulatory Efforts:**
 - **Regulation 6 (Particulate Matter)**
 - **Methane Strategy**
 - **Prohibition on Significant Methane Releases**

Greg Nudd — Deputy Air Pollution Control Officer for Policy

REGULATION 11, RULE 18 OVERVIEW

- **Air District Identifies Affected Facilities**
 - Analyze Facility-Wide Health Impacts
 - Compare to Rule 11-18 Risk Action Thresholds
- **Facilities Above Risk Action Level Must:**
 - Develop a Risk Reduction Plan for Air District Approval
 - Execute Plan According to Plan Schedule
- **Facilities Achieve Compliance By Either:**
 - Reducing Health Impacts Below Final Risk Action Levels

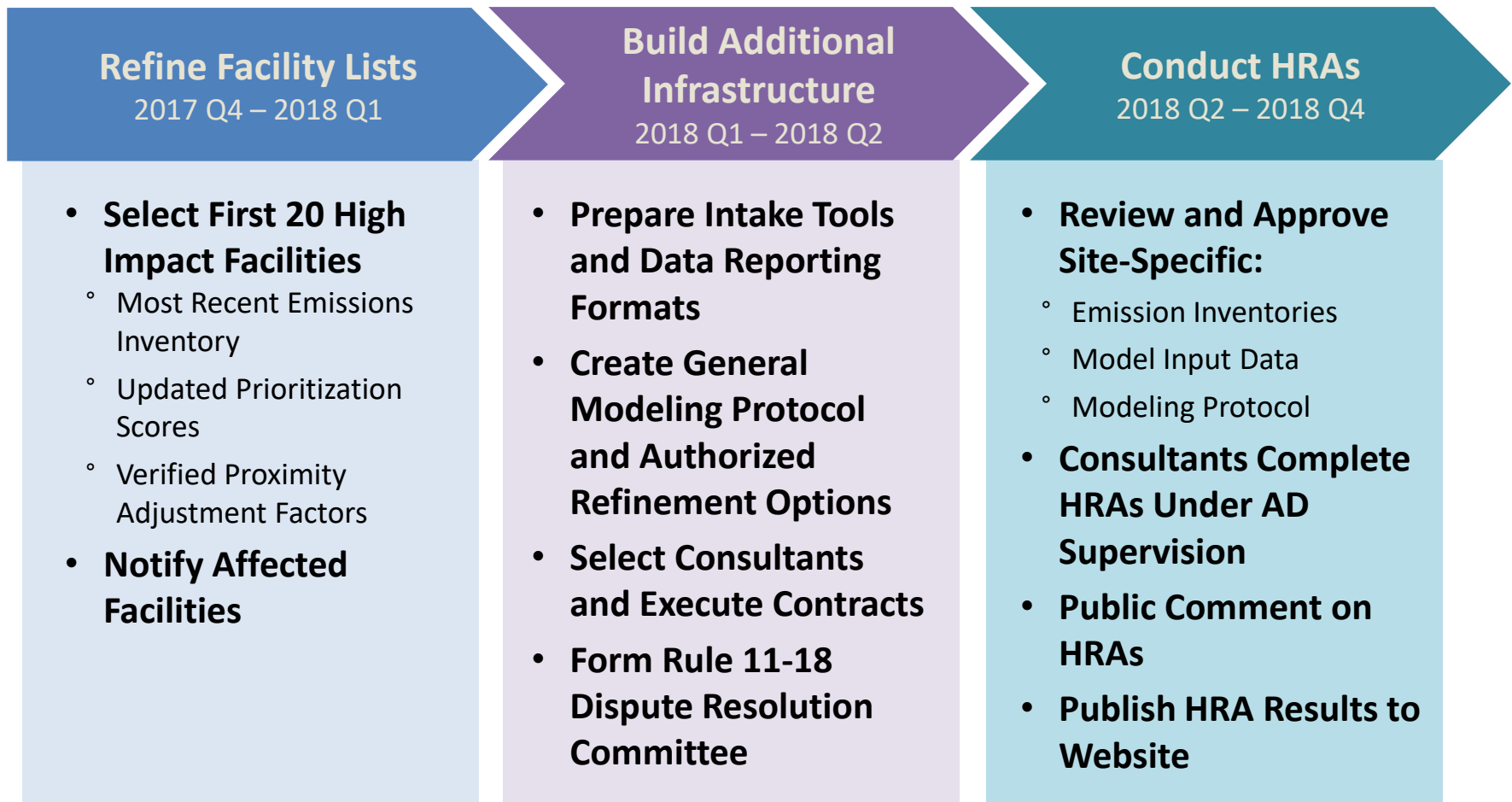
OR

 - Installing Best Available Retrofit Control Technologies for Toxics (TBARCT) on All Significant Sources of Health Risk

HRA Approved Vendors

- Air District's Authorized Health Risk Assessment Vendors:
 - Environment Audit, Inc.
 - Ramboll Environ, Inc.
 - Environmental Science Associates
 - Trinity Consultants
 - ICF Resources
 - MRS Environmental, Inc.
- Executive Officer/APCO will negotiate terms and execute contracts with the above firms for Rule 11-18 related HRA services.
- Non-Title V facilities may either choose one of these firms to conduct their HRA or choose to have the Air District conduct the facility-wide HRA.

Next Steps for Rule 11-18





Regulation 6, Rule 1: General Requirements

Rule 6-1 is currently a Total Suspended Particulates (TSP) rule (includes PM_{10} and $PM_{2.5}$)

Proposed changes to Rule 6-1

- Tighten general particulate matter emissions limits
 - concentration and mass limits to match the most stringent requirements in California
 - translation of TSP to PM_{10} and/or $PM_{2.5}$ requirements is challenging - depends on the specific solids
- Specify test methods for determining compliance
- Require periodic compliance testing
- Future rulemaking will need to be source-specific

Basin-Wide Methane Strategy

Regulatory Efforts

METHANE RULE DEVELOPMENT MAP

OIL & GAS



Significant Methane Releases
[Reg. 13-2]

Natural Gas Processing &
Distribution [SB 1371]

Crude Oil & Natural Gas
Production [Reg. 8-37]

Refineries

BIOLOGICAL



Composting

Anaerobic Digestion

Landfills [Reg. 8-34]

Wastewater

Basin-Wide Methane Strategy

2018 Methane Rules

REG 13-2 SIGNIFICANT METHANE RELEASES

PURPOSE *Allow the Air District to compel facilities to fix major leaks; will act as **backstop** while source-specific rules are adopted*

CONCEPT *Prohibits methane releases > 10,000 ppm throughout District*

SCHEDULE

WORKSHOPS
WINTER 2018

TO BOARD
MAY 2018



NEW RULES COMPOSTING & ORGANIC WASTE OPERATIONS

CONCEPT *Adopt a suite of rules that address emissions from storing, transferring and processing organic waste at composting, anaerobic digestion and other waste-related facilities such as landfills.*

SCHEDULE
(first rule)

WORKSHOPS
SUMMER 2018

TO BOARD
OCT 2018





QUESTIONS